CLAIMS

1. A robot apparatus having a behavioral model or a feeling model changed at least based on extraneous factors, comprising:

detection means for detecting extraneous states;

storage means for storing data; and

write control means for writing pre-set data in said storage means based on a detection signal detected by said detection means.

2. The robot apparatus according to claim 1 further comprising:

means for evaluating said detection signal;

said write control means writing said pre-set data in said storage means based on the evaluated results by said evaluation means.

3. The robot apparatus according to claim 2 wherein

said detection means includes pressure measurement means for measuring the pressure as the extraneous state;

said evaluating means evaluating the pressure information as the detection signal from said pressure measurement means.

4. The robot apparatus according to claim 1 wherein

said detection means includes extraneous data inputting means at which extraneous data is inputted;

said write control means writing extraneous input data to said extraneous data inputting means in said storage means.

5. The robot apparatus according to claim 1 further comprising:

erasure control means for erasing pre-set data stored in said storage means;

said write control means adding characteristics information of said detection signal to said pre-set data to write the resulting signal in said storage means;

said erasure control means erasing said pre-set data added to with said characteristics information from said storage means when a pre-set condition consistent with the characteristics information holds.

6. The robot apparatus according to claim 5 wherein

said pre-set condition for said erasure control means is whether or not a pre-set value has been reached.

7. The robot apparatus according to claim 5 wherein

said pre-set condition for said erasure control means is whether or not a pre-set time has elapsed.

8. The robot apparatus according to claim 1 further comprising:

re-arraying means for re-arraying said pre-set data written in said storage means depending on a value of the detection signal associated with said pre-set data.

9. A method for controlling a robot apparatus having a behavioral model or a feeling model changed at least based on extraneous factors, comprising:

a detecting step of detecting extraneous states by detection means; and

a write control step of writing pre-set data in said storage means based on a detection signal detected by said detection means.

10. The method according to claim 9 further comprising:

an evaluating step of evaluating said detection signal detected by said detection means in said detection step;

said write control step writing said pre-set data in storage means based on a detection signal detected by said detection means.

11. A furnishing medium for furnishing a program to a robot apparatus having a behavioral model or a feeling model changed at least based on extraneous factors, said program being configured to execute processing comprising:

a detecting step of detecting extraneous states by detection means; and

a write control step of writing pre-set data in said storage means based on a detection signal detected by said detection means.

12. The furnishing medium according to claim 11 further comprising:

an evaluating step of evaluating said detection signal detected by said detection means in said detection step;

said write control step writing said pre-set data in storage means based on a detection signal detected by said detection step.

13. A robot apparatus having a behavioral model for outputting a pre-set behavior command or a feeling model for outputting the feeling information, said robot apparatus comprising:

detection means for detecting extraneous states;

storage means for storing data; and

write control means for writing pre-set data in said storage means based on said pre-set behavior command or said feeling information.

14. The robot apparatus according to claim 13 wherein

said detection means includes extraneous data inputting means at which extraneous data is inputted;

said write control means writing extraneous input data to said extraneous data inputting means in said storage means.

15. The robot apparatus according to claim 13 wherein

said behavioral model or said feeling model is a status transition model;

said write control means writing said pre-set data in said storage means based on a pre-set transition state of said status transition model.

16. The robot apparatus according to claim 13 further comprising:

erasure control means for erasing pre-set data stored in said storage means;

said erasure control means erasing said pre-set data from said storage means based on said pre-set behavior command or said feeling information.

17. The robot apparatus according to claim 13 further comprising:

erasure control means for erasing pre-set data stored in said storage means;

said write control means writing said pre-set data added to with the pre-set information derived from said pre-set behavior command or the feeling information in said storage means;

said erasure control means erasing said pre-set information from said storage

means when the pre-set condition associated with the pre-set behavior command holds.

18. The robot apparatus according to claim 17 wherein

said pre-set condition for said erasure control means is whether or not a pre-set value has been reached.

19. The robot apparatus according to claim 17 wherein

said pre-set condition for said erasure control means is whether or not a pre-set time has elapsed.

20. The robot apparatus according to claim 15 further comprising:

erasure control means for erasing pre-set data stored in said storage means;

said erasure control means erasing said pre-set data from said storage means based on a pre-set transition state of said status transition model.

21. The robot apparatus according to claim 13 further comprising:

re-arraying means for re-arraying said pre-set data written in said storage means depending on said pre-set behavior command or feeling information associated with said pre-set data.

22. A method for controlling a robot apparatus adapted to control a robot apparatus having a behavioral model or the feeling information outputting a pre-set behavior command, said method comprising:

a step of outputting the pre-set behavior command or the feeling information based on said behavioral model or the feeling information based on the input information; and

a write control step of writing pre-set data based on said pre-set behavior command or the feeling information.

23. A furnishing medium for furnishing a program to a robot apparatus having a behavioral model outputting a pre-set behavior command or the feeling information, said program being adapted to execute processing including a step of outputting the pre-set behavior command or the feeling information based on said behavioral model or the feeling information based on the input information and a write control step of writing pre-set data based on said pre-set behavior command or the feeling information.

24. A robot apparatus having an instinct model for outputting the instinct information, said robot apparatus comprising:

detection means for detecting extraneous states;

storage means for storing data; and

write control means for writing pre-set data in said storage means;

said write control means writing said pre-set data in said storage means based on said instinct information.

25. The robot apparatus according to claim 24 wherein

said detection means includes an extraneous data inputting means in which extraneous data is inputted;

said write control means writing the extraneous input data inputted as said pre-set data to said extraneous data input means in said storage means.

26. The robot apparatus according to claim 24 wherein

said behavioral model or said feeling model is a status transition model;

said write control means writing said pre-set data in said storage means based on a pre-set transition state of said status transition model.

27. The robot apparatus according to claim 24 further comprising:

erasure control means for erasing pre-set data stored in said storage means;

said erasure control means erasing said pre-set data from said storage means based on said instinct information.

28. The robot apparatus according to claim 24 further comprising:

erasure control means for erasing pre-set data stored in said storage means;

said write control means writing said pre-set data added to with the pre-set information derived from said instinct information in said storage means;

said erasure control means erasing said pre-set information from said storage means when the pre-set condition associated with the pre-set behavior command holds.

29. The robot apparatus according to claim 28 wherein

said pre-set condition for said erasure control means is whether or not a pre-set value has been reached.

30. The robot apparatus according to claim 28 wherein

said pre-set condition for said erasure control means is whether or not a pre-set time has elapsed.

31. The robot apparatus according to claim 26 further comprising:

erasure control means for erasing the pre-set data stored in said storage means;

said erasure control means erasing said pre-set data from said storage means based on a pre-set transition state of said status transition model.

32. The robot apparatus according to claim 24 further comprising:

re-arraying means for re-arraying said pre-set data written in said storage means depending on said instinct information associated with said pre-set data.

33. A method for controlling a robot apparatus having an instinct model outputting the instinct information, comprising:

an outputting step of outputting the instinct information by said instinct model based on the input information; and

a write control step of writing pre-set data based on said instinct information.

34. A furnishing medium for furnishing a program to a robot apparatus having an instinct model adapted to output the instinct information, said program being adapted to execute the processing including

an outputting step of outputting the instinct information by said instinct model based on the input information; and

a write control step of writing pre-set data in storage means based on said instinct information.

35. A robot apparatus having a behavioral model, a feeling model or an instinct model changed based at least on inner factors, said behavioral model, feeling model or the instinct model outputting a pre-set behavior command, feeling information or the

instinct information based on said inner factor, said robot apparatus comprising:

monitoring means for monitoring the inner state as said inner factor;

storage means for memorizing data; and

write control means for writing the pre-set data in said storage means;

said write control means writing said pre-set data in said storage means based on the monitored results by said monitoring means.

36. The robot apparatus according to claim 35 further comprising:

erasure control means for erasing pre-set data stored in said storage means;

said write control means writing said pre-set data added to with characteristics information on the inner state in said storage means;

said erasure control means erasing said pre-set data added to with characteristics information from said storage means when the pre-set condition associated with the characteristics information holds.

37. The robot apparatus according to claim 36 wherein

said pre-set condition for said erasure control means is whether or not a pre-set value has been reached.

38. The robot apparatus according to claim 35 further comprising:

re-arraying means for re-arraying said pre-set data written in said storage means depending on said inner state associated with said pre-set data.

39. A method for controlling a robot apparatus having a behavioral model, a feeling model or an instinct model changed based at least on inner factors, said behavioral

model, feeling model or the instinct model outputting a pre-set behavior command, feeling information or the instinct information based on said inner factor, said method comprising:

a write control step of monitoring the inner state as said inner factor and writing said pre-set data in storage means based on the monitored results.

40. A furnishing medium for furnishing a program to a robot apparatus having a behavioral model, a feeling model or an instinct model changed based at least on inner factors, said behavioral model, feeling model or the instinct model outputting a pre-set behavior command, feeling information or the instinct information based on said inner factor, said program causing execution of the processing including a write control step of monitoring the inner state as said inner factor to write pre-set data in storage means based on the monitored results.

41. A display method comprising:

a read-out step of reading out said pre-set data memorized in said storage means by a robot apparatus having a behavioral model, a feeling model and/or an instinct model changed based at least on extraneous factors and/or inner factors, said robot apparatus writing pre-set data in storage means depending co conditions; and

a display step of displaying said pre-set data read out by said read-out step on a display.

42. The display method according to claim 41 wherein said read-out step reads out from said storage means the extraneous input data as said pre-set data captured by said

robot apparatus responsive to said condition.

43. The display method according to claim 41 wherein said read-out step reads out a plurality of said pre-set data from said storage means and wherein said read-out step re-arrays said plural pre-set data to display the re-arrayed data.

44. The display method according to claim 43 wherein said display step chronologically re-arrays the plural pre-set data depending on the time information added to said pre-set data to display the re-arrayed data in said display.

45. The display method according to claim 41 further comprising:

an information outputting step of outputting the information associated with said pre-set data displayed in said display step.

46. The display method according to claim 45 wherein

the information outputting step outputs the letter information corresponding to said pre-set data.

47. A furnishing medium for furnishing a program to a picture display apparatus adapted to demonstrate a picture on a display, said program being adapted to execute the processing including

a read-out step of reading out pre-set data stored in said storage means by a robot apparatus having a behavioral model and/or a feeling model and/or an instinct model changed depending on an extraneous factor or an inner factor, said robot apparatus writing pre-set data depending on conditions, and

a displaying step of displaying in said display said pre-set data read out by said

read-out step.